



**US Army Corps
of Engineers.**

Vicksburg District
4155 Clay Street
Vicksburg, MS 39183-3435
www.mvk.usace.army.mil



Public Notice

APPLICATION NO.:	MNH-MVK-2007-302
EVALUATOR:	Monica N. Humphrey
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DATE:	October 21, 2008
EXPIRATION DATE:	November 21, 2008

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Vicksburg District is considering a proposal to establish the Coldwater River Wetland Mitigation bank in Marshall County, Mississippi. A prospectus has been received describing the proposed bank from the Mississippi Department of Transportation, the bank Sponsor. The proposed site is located in section 34, Township 2 South, Range 2 West and sections 2 and 3 Township 3 South, Range 2 West, latitude 34.8506 N and longitude -89.3960 W, Marshall County, Mississippi as shown on the attached map (enclosure).

Description: This wetland mitigation bank is being proposed by the bank Sponsor as a means to meet the requirements for compensatory mitigation for future and as yet unknown wetland losses, which may be permitted by the Corps under the authority of Section 404 of the Clean Water Act.

The proposed tract is approximately 178.06 acres including a 47.31-acre forested upland buffer area. The bank sponsor proposes to restore 84.52 acres of bottomland hardwood forested wetlands, enhance 29.22 acres of bottomland hardwood forested wetlands, and enhance and establish approximately 5,202.6 linear feet of riparian buffer along existing perennial and intermittent streams within the proposed property. The restoration and enhancement of this 130.76-acre tract will increase wetland functions, provide species diversity, and increase the width of wildlife corridor along the Coldwater River.

Baseline Conditions / Current Land Use / Proposed Actions:

The proposed property is bordered by the Coldwater River, one of the larger streams within the Yazoo River Basin. The subject property contains a unique hydrological feature, a gravity fed spring located in the west-central portion of the property. The spring measures approximately four (4) feet in diameter and provides a perennial source of hydrology to the Coldwater River via a network of excavated channels within the subject property.

The primary habitat type within the property can be described as low lying, open fields that have been historically utilized for cattle production as grazing/hay pastures. This habitat accounts for approximately 84.52 acres. The property also contains approximately 29.22 acres of forested wetlands that dissect the central portion of the property. The vegetation within this stand consists of pioneer species as well as climax species including osage orange, sycamore, sweetgum, American elm, overcup oak, water oak, river birch, green ash, persimmon, black willow, giant cane and common privet. In addition to the two vegetative communities, approximately 5,426.2 linear feet (0.37 acres) of ephemeral streams, 8,782.5 linear feet (1.41 acres) of intermittent stream and 3,364.7 linear feet (1.26 acres) of perennial stream exists within the property boundary.

The subject property is located within two (2) soil associations: the Collins-Vicksburg-Falaya association along the Coldwater River and the Loring-Gullied association outside of the floodplain areas within the extreme southern portion of the property. The Collins-Vicksburg-Falaya association is described as nearly level, well drained to somewhat poorly drained soils on floodplains. Conversely, the Loring-Gullied association is characterized by gullied land and gently sloping to moderately steep, moderately well drained soils that have a fragipan on ridgetops and side slopes.

The banker proposes to establish a total of 113.74 acres of bottomland hardwood forested wetland and associated habitat. Reforestation of 84.52 acres of open field/ shrub wetlands will be bushlogged and planted with a mixture of cow oak, overcup oak, water oak, shumard oak, nuttall oak, willow oak, water tupelo, persimmon, bald cypress and water hickory at 12 foot by 12 foot spacing yielding approximately 302 seedlings per acre. The remaining 29.22 acres are existing forested wetlands that the banker proposes to enhance by inter-planting desired species as mentioned above as well as reducing and monitoring the presence of invasive and exotic species.

The stream restoration and riparian buffer portion of the proposed bank includes 5,202.6 linear feet of perennial and intermittent stream. A riparian buffer zone of 100 feet will be established along approximately 3,229.4 linear feet of one bank side of the Coldwater River. In addition approximately 1,973.2 linear feet of intermittent streams interspersed within the proposed property will have 100 foot riparian buffer areas established along both bank sides. Species chosen for planting are similar to species chosen for the interior portion of the property.

The physical location of the proposed bank is approximately 6.5 miles northeast of Holly Springs, Mississippi and south of MS Highway 7 near the community of Hudsonville. The Strawberry Plains Audubon Center an approximate 2,500 acre site owned by the

National Audubon Society is located 2 miles upstream from the proposed site.

Service Area: This Mitigation Bank will be established to provide mitigation to compensate for impacts to waters of the United States, including wetlands, within the Corps of Engineers Vicksburg District. This area is demarcated by the United States Geologic Survey as hydrologic unit codes 08030201, 08030202, 08030203 and 08030204. Decisions authorizing the use of credits from the Mitigation Bank will be made by the appropriate authority on a case by case basis in accordance with all applicable requirements.

The prospectus, which outlines the conceptual plan for the bank, is available for review at the Vicksburg District, Corps of Engineers at the address given below.

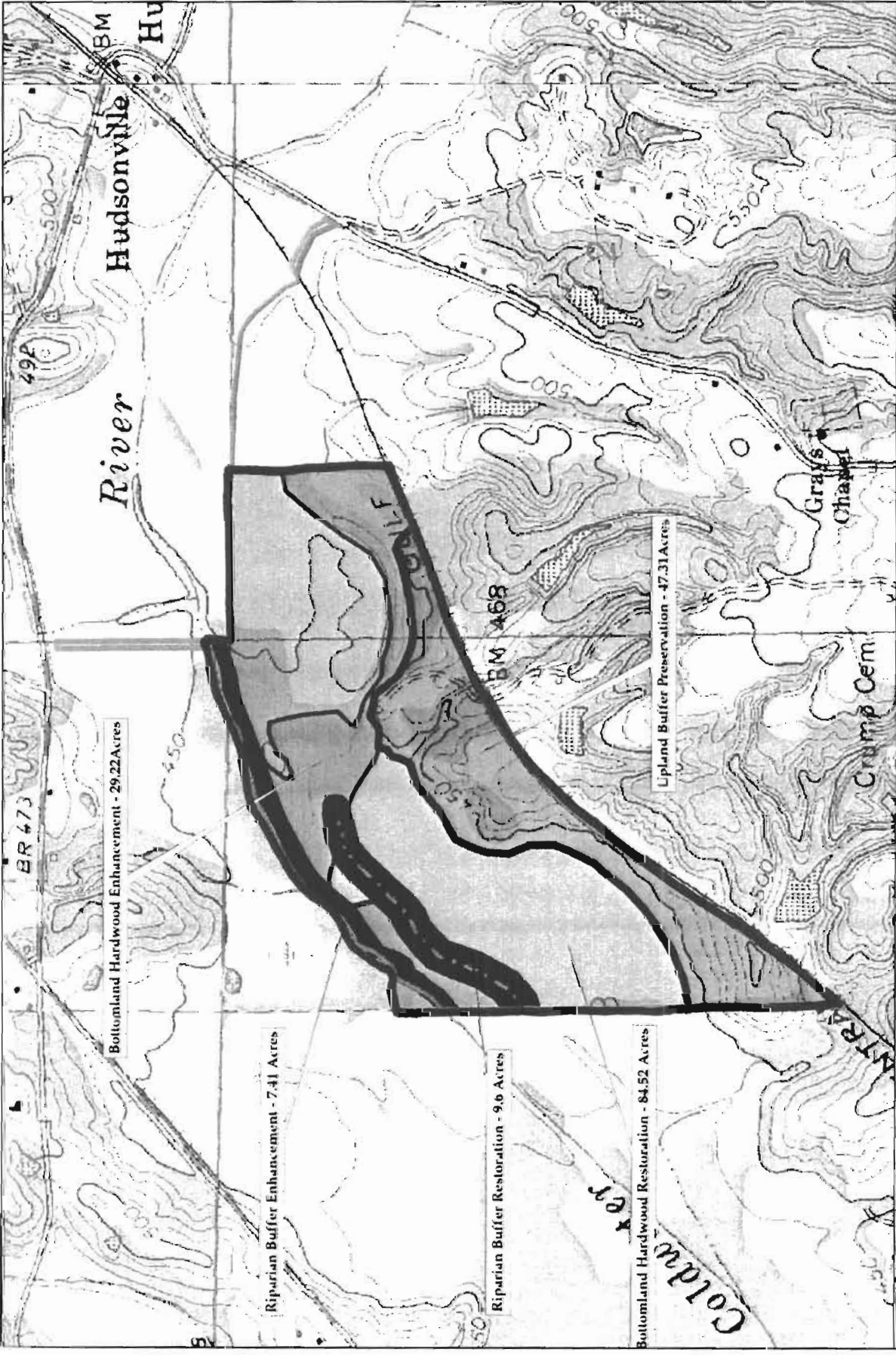
Comments on this proposed mitigation bank may be provided to the Corps at the address below. Comments should be received no later than the expiration date of this public notice.

Please provide comments to:

U.S. Army Corps of Engineers
Vicksburg District
ATTN: CEMVK-OD-F
4155 Clay Street
Vicksburg, Mississippi 39183-3485



Anne S. Woerner
Chief, Evaluation Section



MDOT - Coldwater River Mitigation Bank
Marshall County, MS
Figure 6.0 - Wetland & Stream Mitigation Map

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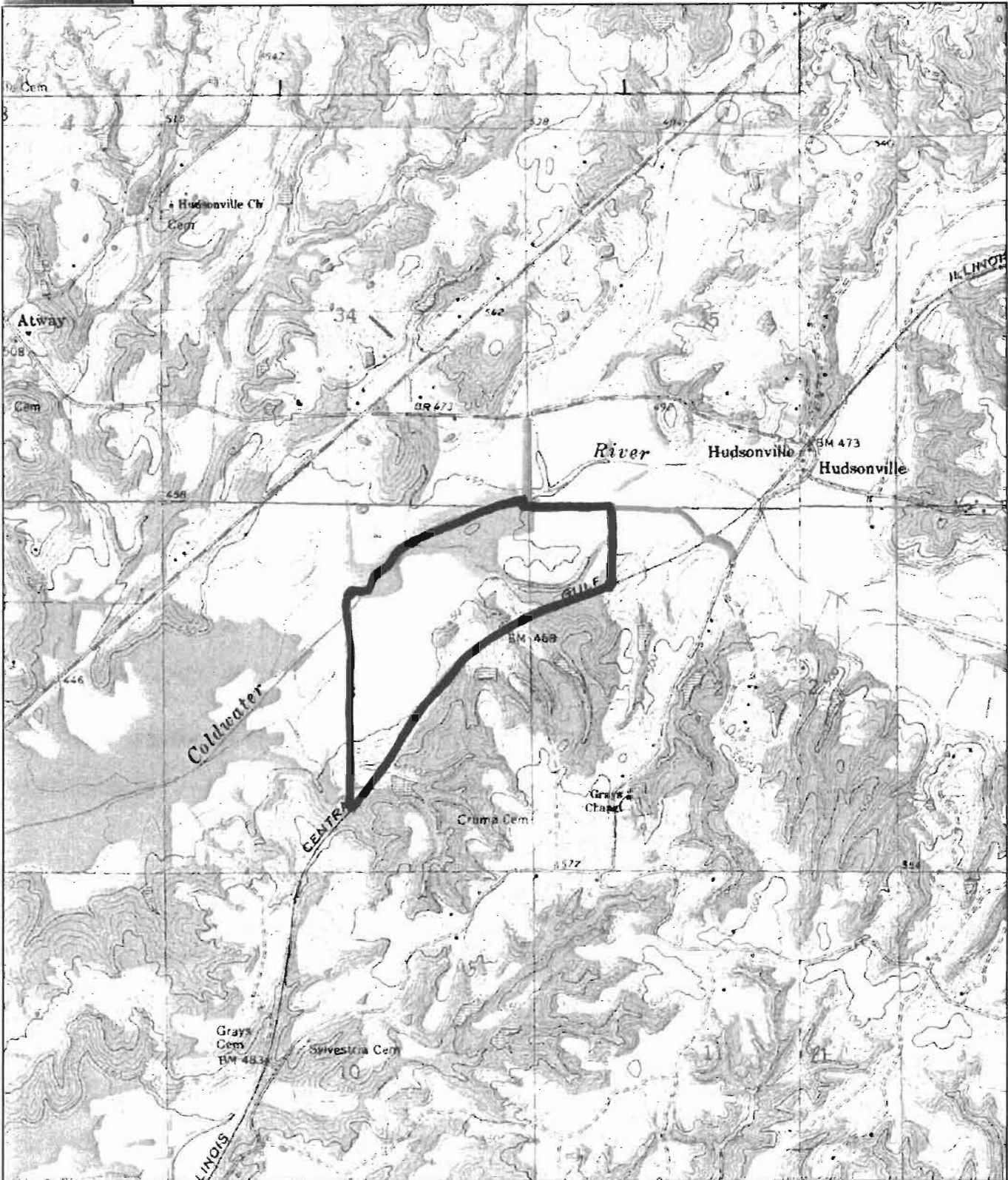
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Scale 1 : 12,000



1" = 1,000.0 ft Data Zoom 14-1

MN (0.8° W)



MDOT - Coldwater River Mitigation Bank
Marshall County, MS
Figure 2.0 - U.S.G.S. Holly Springs, MS Quadrangle Map



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